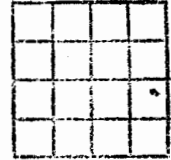


WELL LOG BUREAU--KANSAS GEOLOGICAL SOCIETY
508 East Murdock, Wichita, Kansas

Company- FRANCIS OIL & GAS CO. -VEEDER SUPPLY CO. SEC. 6 T. 11 R. 20W
Farm- Richards No. 1 NE NE SE

Total Depth. 3644
Comm. 2-12-52 Comp. 2-26-52
Shot or Treated.
Contractor. Veeder Supply & Development Co.
Issued. 4-12-52

County Ellis
KANSAS



CASING:
8 5/8" 200' cem. w/280 sx
5 1/2" 3650.66' cem. w/125 sx

Elevation. 2038
2040 (rod)
Production. Pot. 324 bbls. oil
& no wtr.

Figures indicate Bottom of Formations.

cellar	9
sand, surface soil	25
shale & sand	95
shale & shells	600
sand	635
shale & sand	660
shale	780
sand & shale	840
sand, shale & shells	960
sand	1200
shale	1240
shale, redbed	1410
shells, redbed	1490
Anhydrite	1535
shale & shells	1890
shale & salt	1990
shale, shells & salt	2020
lime, shells, shale	2090
lime & shale	2405
lime	2510
lime & shale	2795
lime	2830
lime & shale	3155
lime	3338
lime, some chert	3375
lime	3602
conglomerate	3627
arbuckle & lime	3635
cherty arb. lime	3644
Total depth	

Scout Tops:
Heebner 3292
Lansing 3328
Marmaton chert 3593
Sh. Arbuckle 3627
Arbuckle 3639